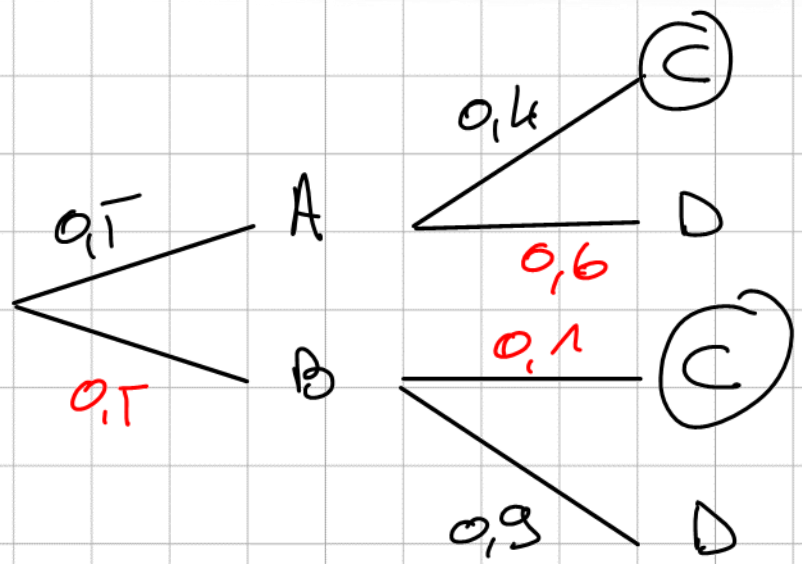
1)



a) $P(A/C) = ?$

$$P(A/C) = \frac{P(A \cap C)}{P(C)}$$

$$= \frac{0,1 \cdot 0,4}{0,1 \cdot 0,4 + 0,1 \cdot 0,1} = 0,8$$

Rq :

$$= \frac{P(A) \cdot P(C/A)}{P(C \cap A) + P(C \cap \bar{A})}$$